

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 1    | ("20050164097").PN.  | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2006/02/16 19:27 |
| S2    | 3    | ((("6251549") or ("20020004175")<br>or ("20020015899")).PN.  | US-PGPUB;<br>USPAT                          | OR               | OFF     | 2006/02/16 19:33 |
| S7    | 7831 | 430/5.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ              | ON      | 2006/02/24 13:08 |
| S8    | 418  | S7 and 430/323.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ              | ON      | 2006/02/24 13:09 |
| S9    | 408  | 216/12.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ              | ON      | 2006/02/24 13:10 |
| S10   | 10   | (S8 or S9) and (mask or photomask<br>or reticle) same (phase edge or<br>phaseedge or chromeless or<br>chrome less).ti,ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ              | ON      | 2006/02/24 13:20 |
| S11   | 28   | (S8 or S9) and (mask or photomask<br>or reticle) same (phase edge or<br>phaseedge or chromeless or<br>chrome less) not S10   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ              | ON      | 2006/02/24 13:22 |
| S12   | 1    | (S8 or S9) and (Cr less or without<br>(Cr or chrome or chromium)) same<br>(PSM or (phas\$3 or shift\$3) same<br>(mask or photomask or reticle)) not<br>S10 not S11                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ              | ON      | 2006/02/24 13:23 |
| S14   | 39   | S7 and (mask or photomask or<br>reticle) same (phase edge or<br>phaseedge or chromeless or<br>chrome less).ti,ab. not S10 not S11<br>not S12                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ              | ON      | 2006/02/24 13:22 |
| S15   | 175  | S7 and (mask or photomask or<br>reticle) same (phase edge or<br>phaseedge or chromeless or<br>chrome less) not S10 not S11 not<br>S12 not S14                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ              | ON      | 2006/02/24 13:23 |
| S16   | 15   | S7 and (Cr less or without (Cr or<br>chrome or chromium)) same (PSM<br>or (phas\$3 or shift\$3) same (mask<br>or photomask or reticle)) not S10<br>not S11 not S12 not S14 not S15 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ              | ON      | 2006/02/24 13:26 |

## EAST Search History

|     |    |  |   |     |    |                  |
|-----|----|--|---|-----|----|------------------|
| S17 | 25 | (S10 or S11 or S12 or S14 or S15 or S16) and (etch\$3 with substrate).ti, ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/24 13:35 |
| S22 | 1  | (Jason near2 Benz).in. not S10 not S11 not S12 not S14 not S15 not S16 not S17 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | ADJ | ON | 2006/02/24 13:49 |